

Broadband over Power Line (BPL) holds the potential to be another example of the law of unintended consequences. Widespread broadband access is indeed a worthy goal, but please thoroughly research the consequences of BPL to other services before implementing anything. Like the Citizen's Band Radio Service and some Part 15 devices, once the FCC lets this genie out of the bottle it will be very difficult if not impossible to put it back in.

Well-documented studies in Europe and Japan indicate that BPL/PLC causes harmful interference to high frequency communications. Additional investigation within the U.S provides further evidence that the interference caused by this technology is not trivial. It is strong enough to obliterate all but the strongest signals, which would render high frequency communications virtually useless.

Allowing use of power lines as part of a high-speed broad-spectrum digital system is unthinkable. It will have a devastating effect on radio systems used for emergency communications, as well as casual use systems.

Please do not adopt the BPL service.

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